

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Uttam Ghoshal
Title: THERMOELECTRIC DEVICES
Application No.: 10/756,603 Filed: January 13, 2004
Examiner: Alan D. Diamond Group Art Unit: 1753
Atty. Docket No.: 089-0005 Confirmation No.: 1623

February 1, 2005

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INFORMATION DISCLOSURE STATEMENT
37 C.F.R. § 1.97(b)

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings to the Examiner's attention in the above-identified application the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO/SB/08A (3 page(s), with copy of 1 reference(s)).
- ☒ Form(s) PTO/SB/08B (1 page(s), with copy of 7 reference(s)).
- ☐ Listing of Pending Applications (N/A page(s), with copy of no application(s)).
- ☐ Other: N/A

Citation of such information shall not be construed as (i) an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention, (ii) a representation that a search has been made, other than as described herein, or (iii) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

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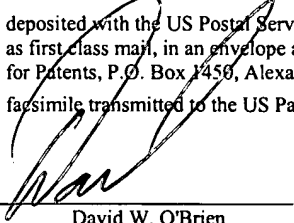
Pursuant to operative regulations, certain copies need not be provided and corresponding information is identified in this Information Disclosure Statement by citation only. In particular,

- ☒ In accordance with 37 C.F.R. § 1.98(a)(2)(ii), copies of cited U.S. Patents and U.S. Patent Application Publications are not included.
- ☐ Certain information was submitted to, or cited by, the Office in Application No(s). N/A, filed N/A, to which the above-identified application claims priority under 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of that information are not included.
- ☐ Pursuant to 1287 OG 163 (October 19, 2004), for those cited pending U.S. patent applications filed (or which entered the national stage under 35 U.S.C. § 371) on or after June 30, 2003 or which are otherwise stored in the USPTO's Image File Wrapper system, copies are not included.

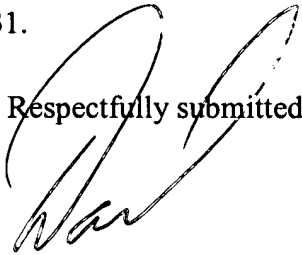
FEE AUTHORIZATION

- ☒ This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.
- ☐ The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.

If however, this Information Disclosure Statement is filed after the period specified in § 1.97(b), the undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. 50-0631.

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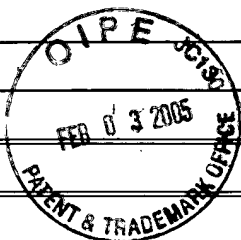
Respectfully submitted,


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EXPRESS MAIL LABEL: _____

PTO SB-08A (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0005
		Application No.: 10/756,603
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Uttam Ghoshal
		Filing Date: January 13, 2004
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		Examiner Name: Alan D. Diamond
		Date Submitted: February 1, 2005

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,688,147	08-18-1987	Ono	
		US-5,184,211	02-02-1993	Fox	
		US-5,640,046	06-17-1997	Suzuki et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		JP360004244A	01-10-1985	Ashiwake et al.		

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kind Code of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIFO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

PTO/SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0005
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		US-6,266,962	07-31-2001	Ghoshal		
		US-6,282,907	09-04-2001	Ghoshal		
		US-6,300,150	10-09-2001	Venkatasubramanian		
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		US-6,606,866	08-19-2003	Bell	
		US-6,608,250	08-19-2003	Ghoshal	
		US-6,613,602	09-02-2003	Cooper et al.	
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		US-6,625,990	09-30-2003	Bell	
		US-6,637,210 B2	10-28-2003	Bell	
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		US-6,740,600	05-25-2004	Ghoshal et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initial*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		D.M. ROWE (ed.), <i>CRC Handbook of Thermoelectrics</i> , CRC Press (New York), 1995, pp. 479-488.	
		V. ZAKORDONETS and G. LOGINOV, "Thermoelectric figure of merit of monopolar semiconductors with finite dimensions," <i>Semiconductors</i> , vol. 31, pp. 265-267, March 1997.	
		B. K. RIDLEY, <i>Electrons and Phonons in Semiconductor Multi-layers</i> , Cambridge University Press (New York), 1997, Ch. 11.7.	
		A. BEJAN (ed.), <i>Advanced Engineering Thermodynamics</i> , 2nd Edition, John Wiley & Sons, Inc. (New York), 1997, pp. 675-682.	
		M. BARTKOWIAK and G. MAHAN, "Boundary Effects in Thin Film Thermoelectrics," <i>Materials Research Society Symposium Proceedings</i> , vol. 545, p. 265-273, 1999.	
		Tellurex Corporation, "Frequently Asked Questions," http://www.tellurex.com , © 2002, printed Dec. 1, 2004.	
		Tellurex Corporation, "Frequently Asked Questions about Thermoelectric Power Generation," http://www.tellurex.com , © 2003, printed Dec. 1, 2004.	
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